Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 22 Dec 2020 until 23:59 on Wednesday 23 Dec 2020

Forecast Issued on Monday 21 Dec 2020 at 12:56

Confidence: Low for Tuesday and Wednesday due to uncertainty in northward extent of precipitation over the United Kingdom. High for settling down Thursday and for Christmas Day.

Headline for Tuesday 22 Dec 2020: Rain clearing by dawn then a bright day with some sunshine though a touch of frost at first and cloud will slowly increase. Cloud thickening in evening to bring rain and summit snow.

Mountain weather hazards on Tuesday 22 Dec 2020

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Dull
Precipitation probability							
70%	60%	20%	40%	00%	00%	00%	20%

Forecast for Tuesday 22 Dec 2020

Weather: Cloud and rain clearing southwards by dawn, though perhaps turning to snow on the highest tops before clearing. Clear skies and a touch of frost to start the day, followed by a mostly dry and bright day with sunny spells, although cloud will gradually increase. Cloud thickening and lowering in the evening to bring outbreaks of rain, with some sleet or snow over Bleaklow and Kinder Scout.

Chance of cloud free mountain/hill tops above 600m: 30% or less overnight and again in evening with extensive cloud above 400 or 500m, but around 90% for daylight hours, with little cloud on the tops.

Visibility: Generally poor overnight and again after dark, but mostly good or very good through the day.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 22 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 NW	10/15 NW	10/16 W	10/16 W	9/13 SW	5/8 S	4/6 S	6/9 E	8/13 E
300	8/12 NW	8/13 NW	6/11 W	5/9 W	5/8 SW	3/5 SE	3/6 SE	5/8 E	6/13 E
Valley	6/12 NW	5/12 NW	4/10 W	2/7 SW	2/6 SW	2/5 SE	4/6 E	5/9 E	6/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	3/-1	2/-2	2/-3	2/-2	2/-0	2/0	2/-1	1/-3
300	7/4	5/2	4/1	4/2	4/2	4/3	4/3	4/2	4/1
Valley	7/5	5/3	4/2	2/1	5/4	5/4	4/3	4/2	4/1
Freezing Level*	1500m	1100m	700m	800m	800m	800m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Snow falling above 600mm early and late in the day with some chill effect on the higher tops, though winds mostly light. A chilly start with temperatures below zero C in some of the dales

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 21 Dec 2020	5mm	9.4mm	14.8mm

Forecast for Wednesday 23 Dec 2020

Weather: Cloudy with rain, some heavy, but snow level rising in early hours. Becoming windier and colder in the afternoon with rain turning to snow over the higher tops in evening before clearing, with a significant chill on the tops.

Maximum wind: east or southeast 20mph becoming northeast 25mph by lunchtime and increasing 30-35 gust 50mpgh by the evening

Chance of cloud free mountain/hill tops above 600m: Almost nil with extensive cloud down to low levels, though chance improving in evening as strong winds lift cloud a bit and rain clears

Visibility: Moderate or poor, but very poor on the higher slopes for much of the time

Temperature: **Valleys:** Around zero rising to plus 6 C, falling to plus 5 C later
At 600m: Plus 1 C rising to 5 C, but falling to plus 1 C later
Freezing level: Above the tops from the early hours, but falling to 700m in evening

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